



FIGURE 1

|   |  |   |   |   |   |
|---|--|---|---|---|---|
| <i>inheritance</i><br><i>col overriding</i><br><i>row</i> | <i>member</i><br>int m;                      | <i>method</i><br>public<br>void m()<br>{} | <i>goal</i><br>public void<br>m() : goal {} | <i>sensor</i><br>int m : sensor;          | <i>behavior</i><br>protected void<br>m() : behavior<br>{}                         |
| <i>member</i><br>int m;                                   | accepted<br><br>(parent<br>member<br>hidden) |   |   | accepted<br><br>(datamember<br>hidden)    |   |
| <i>method</i><br>public void<br>m() {}                    |  | accepted<br><br>parent<br>overriden       | NOT<br>accepted                             |   | accepted<br><br>both visible  |
| <i>goal</i><br>public void<br>m() : goal {}               |  | NOT<br>accepted                           | accepted<br><br>parent<br>overridden        |   | accepted<br><br>both visible  |
| <i>sensor</i><br>int m : sensor;                          | accepted<br><br>(sensor<br>hidden)           |   |   | accepted<br><br>(parent sensor<br>hidden) |   |
| <i>behavior</i><br>protected void<br>m() : behavior<br>{} |  | accepted<br><br>both<br>visible           | accepted<br><br>both visible                |   | accepted<br><br>(substitution<br>overriding)<br><br>(protected<br>behaviors only) |

Fig. 2